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December 22, 2003

Applicant : Nonlinear Seismic Imaging, Inc.
App. No. : 09/853,190
Filed : 5-11-2001
Title: Mapping Permeable Reservoir Formations by Measuring the
Elastic Nonlinear Interactions of a Seismic Wave as it
Propagates through the Reservoir Rock Matrix and its Pore
Fluids

Group/A.U. : 2863
Examiner : Toan M. Le

Honorable Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT

Sir:

In response to the Office Action Summary of October 15, 2003, please amend the above-identified application as follows:

Amendments to the Specification are reflected on page 2 of this paper, that teaches how to obtain the fluid velocity.

Amendments to the Claims are reflected in the listing of claims that begins on page 4 of this paper.

NONLINEAR SEISMIC IMAGING, INC.
12639 RIFLEMAN TRAIL
CYPRESS, TEXAS 77429

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Number of Pages:

17
~~52~~ including cover sheet

TO:

Toan M. Le
PATENT EXAMINER
US Patent and Trade Office
703/746-8471

Company:

Fax Number:

From:

Sofia McGuire

Fax Number:

713/521-2873

Tel. Number:

713/552-2727

Date:

12/22/03 11:54:48 PM

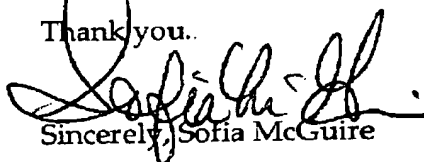
RE:

Application No. 09/853,190

REMARKS:

Based upon the correspondence dated 10/15/2003, attached is the response. If you have any questions concerning this transmission or the application, please contact me directly at 713/942-7926.

Thank you..


Sincerely, Sofia McGuire

CC:
Central Fax Number:
703/872-9306

Sent again
January 7, 2004

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PTO/SB/21 (08-03)

Approved for use through 08/30/2003. OMB 0851-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/853,190
	Filing Date	5-11-2001
	First Named Inventor	Tawassal A. Khan
	Art Unit	2863
	Examiner Name	Toan M. Le
	Attorney Docket Number	
Total Number of Pages in This Submission	17 51	

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input checked="" type="checkbox"/> Drawing(s) (7) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Change of Correspondence Address PTO/SB/122
Remarks: Amendment reflects additional paragraph to specification, minor change to claims and final drawings submitted.		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Sofia K. McGuire for Nonlinear Seismic Imaging, Inc.
Signature	<i>[Signature]</i>
Date	12-22-03

CERTIFICATE OF TRANSMISSION/MAILING	
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.	
Typed or printed name	Sofia K. McGuire
Signature	<i>[Signature]</i>
Date	12-22-03

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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